

PORTABLE DC POWER GENERATOR WITH CONSTANT VOLTAGE

Abstract of the Invention

An apparatus for generating a constant source of electrical power in remote locations in the field for use while camping or hunting, in vehicles, on water craft, or for providing power during emergencies due to power failures, accidents, storms, or natural catastrophies. A safely and efficiently operating power generator that makes a minimal intrusion upon the environment is provided comprising a low horsepower gasoline-powered engine which drives a permanent magnet 12-volt AC/DC generator having a built-in electronic governor circuit for sustaining a constant DC output. Constructed with a flexible coupling between the gasoline-powered engine and the generator, and a suitably sized resonator and inherent governor circuit, the invention affords a constant output and quiet operation for use in vehicles, on water craft, and in the field to provide electricity for illumination or for operating common 12-volt appliances.